

MI Collaborative Quality Initiative [MICQI]



May 21, 2012

Vermont Oxford Network (VON) ***MI Collaborative Quality Initiative [MICQI]***

- VON is an international nonprofit group that works on quality improvement measures in NICUs
- There is a cost to join VON – cost effective to have centers join as a state collaborative
- Fifteen out of twenty NICU's participate in the "Michigan Quality Collaborative"

Vermont Oxford Network (VON)

- Data – reliable and has standardized definitions.
- VON maintains de-identified data
- A neutral, independent party analyzes data for members.
- Data analysis is risk adjusted.
- Provides comprehensive, confidential reports to participating hospitals

NICQpedia
Improving quality and safety of medical care for newborn infants and their families

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Michigan State Collaborative-Quality Initiative (MICQI)

Tags: State Collaboratives [Edit Tags]

MICQI Formation

The Michigan State Collaborative Quality Initiative (MICQI) is a consortium of neonatal intensive care units with a shared goal of continually improving the health of neonates in Michigan. [Click for contact information for participating centers.](#)

Sixteen hospitals across the state participate in the MICQI, which began following discussion by a small group of neonatologists at the Hot Topics conference in 2007. The following year, the idea was presented to the Society of Michigan Neonatologists at the Annual Meeting and the Collaborative came into being. In participating with the Vermont Oxford Network NIC/Q program, the quality improvement toolkit on Nosocomial Infection was distributed.

The Society of Michigan Neonatologists provided a forum for the initiation and development of the Michigan-VON State Collaborative (MICQI). The driving force for the activities undertaken by MICQI is our strong pool of neonatal nurses and nurse practitioners who work closely with the neonatologists. The Annual SOMN Meeting provides a venue for showcasing the achievements of the collaborative and is a breeding ground for innovative QI initiatives. The Michigan Department of Community Health has also been a collaborative partner.

Nosocomial Infection Initiative

The goals of the Nosocomial Infection Initiative were to decrease late nosocomial infection to the lower quartile rate of VON (decrease from 18.2% to 10.3%) by Dec 2010 and to compare CLABSI / 1000 line days with NHSN (the collaborative had no baseline data for Michigan on CLABSI). MICQI was successful in decreasing their rate of nosocomial infection after working together to use the tools provided in Vermont Oxford Network's Nosocomial Infection Quality Improvement Kit. Data points collected were Quarterly for Late NI %, CLABSI / 1000 line days, and Line utilization. [Click the images below to enlarge.](#)

VON Any Late NI %

Category	Value
VON State	18.2%
VON Network	10.3%
MICQI Q4	10.3%

Any Late NI (VON) for MICQI Centers

Michigan Collaborative Late NI Percent

Michigan Collaborative CLABSI / 1000 line days

NICQpedia Links

Home
Center Pages

Quality Improvement Topics

- Design and Build a New NICU
- Discharge Management
- Encephalopathy Care
- Family Centered Care
- EMR for Neonatal Care
- Medication Safety in the NICU
- Nosocomial Infection
- Nutrition
- Respiratory Care
- Resuscitation of High-Risk Neonates
- State Improvement Collaboratives

Library Documents

- Upload File to Resource Library
- Upload Improvement Story

Find Colleagues

- All NICQpedia Users
- NICQpedia Users Now Online
- My Center Contacts

For Administrators

- Manage Users

NICU Participation with Vermont Oxford Database

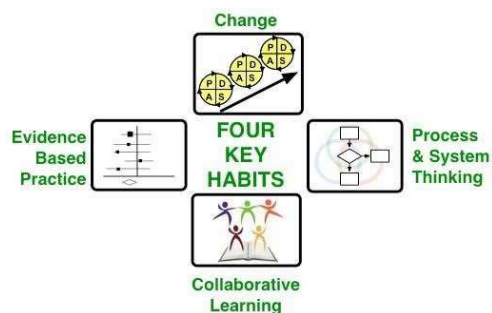
<u>CENTERS</u>	2004	2005	2006	2007	2008	2009	2010	2011	2012
Children's Hospital at Bronson	X	X	X	X	X	X	X	X	X
Covenant Healthcare	X	X	X	X	X	X	X	X	X
DeVos Children's/Spectrum Health	X	X	X	X	X	X	X	X	X
Henry Ford Hospital	X	X	X	X	X	X	X	X	
Hurley Medical Center	X	X	X	X	X	X	X	X	X
Marquette General Health System				X	X	X	X	X	X
Munson Medical Center	X	X	X	X	X	X	X	X	X
Oakwood Hospital	X	X	X	X	X	X	X	X	X
Providence Hospital	X	X	X	X	X	X	X	X	X
Sparrow Hospital	X	X	X	X	X	X	X	X	X
St. John Hospital	X	X	X	X	X	X	X	X	X
St. Joseph Mercy Hospital	X	X	X	X	X	X	X	X	
St. Joseph Mercy Oakland	X	X	X	X	X	X	X	X	X
University of Michigan-Holden	X	X	X	X	X	X	X	X	X
William Beaumont Hospital					X	X	X	X	X
Detroit Children's	NICU participating with MICQI					X	X	X	X
Hutzel						X	X	X	X

Statewide QI Projects

- MICQI has two quality improvement initiatives
 - Central Line Infection Reduction
 - Use of human milk

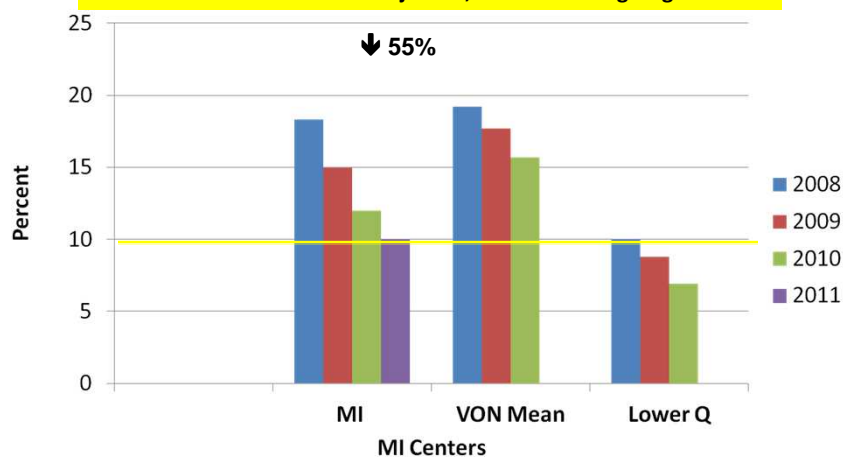
Quality Improvement Training

- Michigan Collaborative QI Training – April 27, 2011
- Creating a Positive Patient Safety Culture in the NICU - May 18, 2012

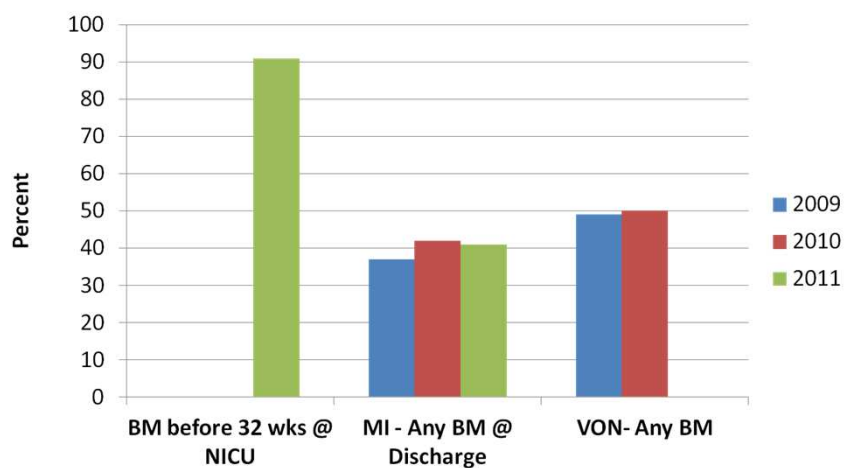


VON – Any Late Infection

We have achieved our initial objective, but is a moving target of VON



Breast milk use in VLBWI **(MICQI 9 centers)**



Developmental Assessment (DAC)

Questions

